

Superfund Records Center
SITE: Iron Horse Park
BREAK: 20.01
OTHER: 34251

Iron Horse Park
(Operable Unit II - Shaffer Landfill)

NPL Site Administrative Record

Index

Compiled: January 15, 1991
ROD Signed: June 27, 1991

Prepared for

Region I
Waste Management Division
U.S. Environmental Protection Agency

With Assistance from

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Introduction

This document is the Index to the Administrative Record for the June 27, 1991 Record of Decision (ROD) for the Iron Horse Park National Priorities List (NPL) site (Operable Unit II - Shaffer Landfill). Section I of the Index cites site-specific documents, and Section II cites guidance documents used by EPA staff in selecting a response action at the site.

The Administrative Record is available for public review at EPA Region I's Office in Boston, Massachusetts, and at the Billerica Public Library, 25 Concord Road, Billerica, Massachusetts, 01821. *This Administrative Record includes, by reference only, all documents included in the September 14, 1988 Administrative Record for this NPL site.* Questions concerning the Administrative Record should be addressed to the EPA Region I site manager.

The Administrative Record is required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA).

Section I

Site-Specific Documents

ADMINISTRATIVE RECORD INDEX

for the

Iron Horse Park NPL Site

(Operable Unit II - Shaffer Landfill)

ROD Signed: June 27, 1991

1.0 Pre-Remedial

1.18 FIT Technical Direction Documents (TDDs) and Associated Records

1. Memorandum from Rebecca Cleaver, NUS Corporation to Richard Leighton, EPA Region I (March 6, 1984). Concerning drinking water samples tested for metals.
2. Memorandum from Rebecca Cleaver, NUS Corporation to Richard Leighton, EPA Region I (April 24, 1984). Concerning the transmittal of analytical results for all samples collected during the NUS/FIT Site Inspection.

3.0 Remedial Investigation (RI)

3.1 Correspondence

1. Memorandum from Bruce Marshall, EPA Region I to Addressees (April 17, 1987). Concerning transmittal of the Wetland/Floodplain and Biota Assessment sections of the Remedial Investigation/Feasibility Study work plan and the request for written comments by May 6, 1987.
2. Memorandum from Bruce Marshall, EPA Region I to Addressees (May 13, 1987). Concerning transmittal of the Remedial Investigation Phase IA Report and the request for written comments by June 1, 1987.
3. Letter from Ralph P. Penney, GHR Engineering Associates, Inc. to John Gallagher, EPA Region I (March 15, 1989). Concerning transmittal of the attached information pertaining to capping activities at the landfill.
4. Letter from John Gallagher, EPA Region I to Richard Bento, Town of Billerica Department of Public Works (December 6, 1989). Concerning transmittal of the November 1989 "Phase IC Remedial Investigation Report - Volume I," Camp Dresser & McKee Inc. for comments.
5. Letter from John Gallagher, EPA Region I to Dale Young, Commonwealth of Massachusetts Department of Environmental Protection (December 6, 1989). Concerning transmittal of the November 1989 "Phase IC Remedial Investigation Report - Volume I," Camp Dresser & McKee Inc. for comments.
6. Letter from John Gallagher, EPA Region I to Raymond G. Dougan, Commonwealth of Massachusetts Department of the Attorney General (January 3, 1990). Concerning transmittal of the November 1989 "Phase IC Remedial Investigation Report - Volume I," Camp Dresser & McKee Inc. and the Shaffer Landfill Draft Feasibility Study for comments.

3.2 Sampling and Analysis Data

Additional Sampling and Analysis and Contract Laboratory Program (CLP) Data as well as the Chain of Custody Records for the Remedial Investigation (RI) for both Operable Units may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

3.2 Sampling and Analysis Data (cont'd.)

1. Letter from Stephen V. Capone, Alliance Technologies Corporation to Edward Braczyk, Commonwealth of Massachusetts Department of Environmental Quality Engineering (November 7, 1988). Concerning transmittal of the attached "Summary Report - Gas Flare Testing - Passive Mode."
2. Memorandum from Scott Clifford and Mary Jane Cuzzupe, EPA Region I to John Carlson, EPA Region I (September 11, 1989). Concerning drinking water purgeable organic analysis.
3. "Residential Property Sampling Survey," Roy F. Weston, Inc. (September 19, 1989).
4. Memorandum from Michael Whitehead, Camp Dresser & McKee Inc. to Dick Christian, Camp Dresser & McKee Inc. (November 1, 1989). Concerning the results of the permeability and density tests performed to evaluate the caps at the site.
5. Memorandum from Thomas McGrath, Commonwealth of Massachusetts Department of Environmental Protection to Helen Waldorf, Commonwealth of Massachusetts Department of Environmental Protection (June 4, 1990). Concerning the results of air monitoring conducted during the May 23, 1990 site walkover.
6. Memorandum from Thomas McGrath, Commonwealth of Massachusetts Department of Environmental Protection to Dale Young, Commonwealth of Massachusetts Department of Environmental Protection (July 31, 1990). Concerning the results of the detailed landfill gas emission survey conducted on July 2, 1990 and July 16, 1990.

3.4 Interim Deliverables

1. "Wetlands Characterization and Biological Investigations," CDM Federal Programs Corporation (January 1989).

3.5 Applicable or Relevant and Appropriate Requirements (ARARs)

1. Letter from Rich Cavagnero, EPA Region I to Madeline Snow, Commonwealth of Massachusetts Department of Environmental Quality Engineering (March 12, 1987). Concerning the request to identify the Applicable or Relevant and Appropriate Requirements (ARARs) for the B & M Lagoon and the Shaffer Landfill.
2. Letter from John Gallagher, EPA Region I to Robert Bois, Commonwealth of Massachusetts Department of Environmental Quality Engineering (July 14, 1989). Concerning the request to identify the Applicable or Relevant and Appropriate Requirements (ARARs) for the Shaffer Landfill.

3.6 Remedial Investigation (RI) Reports

1. "Phase IC Remedial Investigation Report - Volume I," Camp Dresser & McKee Inc. (November 1989).
2. "Phase IC Remedial Investigation Report - Volume II - Appendices," Camp Dresser & McKee Inc. (November 1989).

3.7 Work Plans and Progress Reports

1. Letter from Sharon A. Checrallah, JoAnne Giovino, Dorothy P. Walker, and Helen R. Knight, Superfund Action Committee to Richard Leighton, EPA Region I (March 23, 1985). Concerning comments on the December 21, 1984 "Draft Work Plan for Remedial Investigation/Feasibility Study - Volume I: Technical Scope of Work," Camp Dresser & McKee Inc.
2. "Work Plan Excerpts for Shaffer Landfill (RI only)."

4.0 Feasibility Study (FS)

4.1 Correspondence

1. Letter from John Gallagher, EPA Region I to John W. Duggan, Commonwealth of Massachusetts Department of Environmental Protection (December 15, 1989). Concerning transmittal of the first draft of the Feasibility Study.
2. Letter from John Gallagher, EPA Region I to Ken Carr, U.S. Fish & Wildlife Service (December 15, 1989). Concerning transmittal of the first draft of the Feasibility Study.
3. Letter from John Gallagher, EPA Region I to Dale Young, Commonwealth of Massachusetts Department of Environmental Protection (December 15, 1989). Concerning transmittal of the first draft of the Feasibility Study.
4. Letter from Don McElroy, EPA Region I to Allen Johnson, Massachusetts Historical Commission (March 6, 1991). Concerning the remedial alternatives being contemplated by EPA and their effect on the Middlesex Canal.
5. Letter from Elsa Fitzgerald for Judith B. McDonough, Massachusetts Historical Commission to Don McElroy, EPA Region I (March 22, 1991) with two attached letters. Concerning the remedial work scheduled for the site and how it relates to the Middlesex Canal.

4.5 Applicable or Relevant and Appropriate Requirements (ARARs)

1. Letter from M. Gretchen Muench, EPA Region I to Donald Nagle, Commonwealth of Massachusetts Department of Environmental Protection (April 12, 1991). Concerning notification that EPA Region I does not believe that the Massachusetts Contingency Plan and Chapter 21E are Applicable or Relevant and Appropriate Requirements (ARARs) and the attached:
 - A. Letter from William Walsh-Rogalski, EPA Region I to Peter R. Bronson, Commonwealth of Massachusetts Department of Environmental Protection (January 3, 1991).
 - B. Letter from William Walsh-Rogalski, EPA Region I to Peter R. Bronson, Commonwealth of Massachusetts Department of Environmental Protection (January 9, 1991).
2. Letter from Peter R. Bronson, Commonwealth of Massachusetts Department of Environmental Protection to William Walsh-Rogalski, EPA Region I (April 22, 1991). Concerning the Commonwealth of Massachusetts Department of Environmental Protection's position on whether the Massachusetts Contingency Plan is an Applicable or Relevant and Appropriate Requirement (ARAR).
3. Memorandum from M. Gretchen Muench, EPA Region I to File (June 27, 1991). Concerning notification that EPA Region I does not consider 310 CMR 19.150, 151, 021 to be Applicable or Relevant and Appropriate Requirements (ARARs) and that the state will concur with the selected remedy.

4.6 Feasibility Study (FS) Reports

Report

1. "Final Draft Phase IC Feasibility Study Report," Camp Dresser & McKee Inc. (January 1991).

4.6 Feasibility Study (FS) Reports (cont'd.)

Comments

2. Cross-Reference: Comments Dated February 22, 1991 from Thomas G. Carbone, Town of Tewksbury on the January 1991 "Final Draft Phase IC Feasibility Study," Camp Dresser & McKee Inc. and the January 1991 Proposed Plan [Filed and cited as entry number 2 in 5.3 Responsiveness Summaries].
3. Cross-Reference: Comments Dated March 6, 1991 from Arnold Ventresca, Wallace Mallett, Paul Ransom, Marie O'Rourke, Robert Soloman, John W. Morris on the January 1991 Proposed Plan [Filed and cited as entry number 16 in 5.3 Responsiveness Summaries].
4. Cross-Reference: Comments Dated March 14, 1991 from David F. Delorey Jr., Town of Billerica on the January 1991 "Final Draft Phase IC Feasibility Study," Camp Dresser & McKee Inc. and the January 1991 Proposed Plan [Filed and cited as entry number 28 in 5.3 Responsiveness Summaries].
5. Cross-Reference: Comments Dated March 15, 1991 from Town of Billerica Conservation Commission on the January 1991 "Final Draft Phase IC Feasibility Study," Camp Dresser & McKee Inc. and the January 1991 Proposed Plan [Filed and cited as entry number 35 in 5.3 Responsiveness Summaries].

4.9 Proposed Plan for Selected Remedial Action

1. "EPA Proposes Cleanup Plan for the Shaffer Landfill Portion of the Iron Horse Park Superfund Site," EPA Region I (January 1991).
2. "EPA Issues Supplement to Proposed Plan for Cleanup of the Shaffer Landfill Landfill, Iron Horse Park Superfund Site," EPA Region I (May 1991).

5.0 Record of Decision (ROD)

5.1 Correspondence

1. Memorandum from Don McElroy, EPA Region I to File (June 26, 1991). Concerning notification that EPA Region I coordinated with the Commonwealth of Massachusetts Department of Environmental Protection and solicited and received comments on the January 1991 "Final Draft Phase IC Feasibility Study," Camp Dresser & McKee Inc., the January 1991 Proposed Plan, the May 1991 Supplemental Proposed Plan, and the Record of Decision (ROD).
2. Cross-Reference: Memorandum from M. Gretchen Muench, EPA Region I to File (June 27, 1991). Concerning notification that EPA Region I does not consider 310 CMR 19.150, 151, 021 to be Applicable or Relevant and Appropriate Requirements (ARARs) and that the state will concur with the selected remedy [Filed and cited as entry number 3 in 4.5 Applicable or Relevant and Appropriate Requirements (ARARs)].
3. "Total Estimated Costs for Shaffer Remedy," EPA Region I.

5.3 Responsiveness Summaries

1. Cross-Reference: Responsiveness Summary is an attachment to the June 27, 1991 "Record of Decision," EPA Region I [Filed and cited as entry number 1 in 5.4 Record of Decision (ROD)].

5.3 Responsiveness Summaries (cont'd.)

The following citations indicate documents received by EPA Region I during the first formal public comment period.

2. Comments Dated February 22, 1991 from Thomas G. Carbone, Town of Tewksbury on the January 1991 "Final Draft Phase IC Feasibility Study," Camp Dresser & McKee Inc. and the January 1991 Proposed Plan.
3. Comments Dated February 25, 1991 from Jerry L. Tuzzolo and Stephanie M. Tuzzolo on the January 1991 Proposed Plan.
4. 1 Comment Letter Dated February 27, 1991 from Member of the Public on the January 1991 Proposed Plan.
5. 4 Comment Letters Dated February 28, 1991 from Members of the Public on the January 1991 Proposed Plan.
6. 21 Comment Letters Dated March 1, 1991 from Members of the Public on the January 1991 Proposed Plan.
7. Comments Dated March 1, 1991 from Patricia McGovern, Commonwealth of Massachusetts Committee on Ways and Means on the January 1991 Proposed Plan.
8. Comments Dated March 1, 1991 from Brion M. Cangiamila, Member of the Commonwealth of Massachusetts House of Representatives on the Proposed Plan.
9. 3 Comment Letters Dated March 2, 1991 from Members of the Public on the January 1991 Proposed Plan.
10. 2 Comment Letters Dated March 3, 1991 from Members of the Public on the January 1991 Proposed Plan.
11. 9 Comment Letters Dated March 4, 1991 from Members of the Public on the January 1991 Proposed Plan.
12. 12 Comment Letters Dated March 5, 1991 from Members of the Public on the January 1991 Proposed Plan.
13. Comments Dated March 5, 1991 from Levon Chorbajian on the January 1991 Proposed Plan.
14. 18 Comment Letters Dated March 6, 1991 from Members of the Public on the January 1991 Proposed Plan.
15. Comments Dated March 6, 1991 from John J. Moynihan on the January 1991 Proposed Plan.
16. Comments Dated March 6, 1991 from Arnold Ventresca, Wallace Mallett, Paul Ransom, Marie O'Rourke, Robert Solomon, John W. Morris, Town of Billerica on the January 1991 "Final Draft Phase IC Feasibility Study," Camp Dresser & McKee Inc. and the January 1991 Proposed Plan.
17. 10 Comment Letters Dated March 7, 1991 from Members of the Public on the January 1991 Proposed Plan.
18. Comments Dated March 7, 1991 from William H. Hulbrunner on the January 1991 Proposed Plan.
19. 9 Comment Letters Dated March 8, 1991 from Members of the Public on the January 1991 Proposed Plan.
20. Comments Dated March 9, 1991 from Madeline T. Sargent, Town of Billerica on the January 1991 Proposed Plan.
21. 1 Comment Letter Dated March 9, 1991 from Member of the Public on the January 1991 Proposed Plan.
22. 5 Comment Letters Dated March 10, 1991 from Members of the Public on the January 1991 Proposed Plan.
23. 6 Comment Letters Dated March 11, 1991 from Members of the Public on the January 1991 Proposed Plan.
24. Comments Dated March 12, 1991 from Helen R. Knight on the January 1991 Proposed Plan.
25. Comments Dated March 12, 1991 from Carl T. Moore on the January 1991 Proposed Plan.

5.3 Responsiveness Summaries (cont'd.)

26. 1 Comment Letter Dated March 13, 1991 from Member of the Public on the January 1991 Proposed Plan.
27. 3 Comment Letters Dated March 14, 1991 from Members of the Public on the January 1991 Proposed Plan.
28. Comments Dated March 14, 1991 from David F. Delorey Jr., Town of Billerica on the January 1991 "Final Draft Phase IC Feasibility Study," Camp Dresser & McKee Inc. and the January 1991 Proposed Plan. and the following attachments:
 - A. Letter from Robert S. Knorr, and Jonathan Spack, Massachusetts Health Research Institute, Inc. to Henry S. Cassell III, Center for Disease Control (April 17, 1990).
 - B. Letter from Henry S. Cassell III, Agency for Toxic Substances and Disease Registry to Jonathan Spack, Massachusetts Health Research Institute, Inc. (June 22, 1990).
29. Comments Dated March 14, 1991 from Ann dePierro, Massachusetts Bay Transportation Authority on the January 1991 Proposed Plan.
30. Comments Dated March 14, 1991 from Charlotte Cooper on the January 1991 Proposed Plan.
31. 1 Comment Letter Dated March 15, 1991 from Member of the Public on the January 1991 Proposed Plan.
32. Comments Dated March 15, 1991 from Edward J. Markey, Member of the United States Congress on the January 1991 Proposed Plan.
33. Comments Dated March 15, 1991 from Steven C. Sneider and Leonard C. Sarapas, Balsam Environmental Consultants, Inc. for Graypond Realty Corporation on the January 1991 Proposed Plan.
34. Comments Dated March 15, 1991 from Thomas A. Mackie, Wright & Moehrke (Attorney for Graypond Realty Corporation) on the January 1991 Proposed Plan.
35. Comments Dated March 15, 1991 from Town of Billerica Conservation Commission on the January 1991 "Final Draft Phase IC Feasibility Study," Camp Dresser & McKee Inc. and the January 1991 Proposed Plan.
36. Comments Dated March 15, 1991 from Suzanne K. Condon and William C. Strohsnitter, Commonwealth of Massachusetts Department of Public Health on the January 1991 Proposed Plan.
37. Comments Dated March 15, 1991 from Dale C. Young and Helen Waldorf, Commonwealth of Massachusetts Department of Environmental Protection on the January 1991 Proposed Plan.
38. Comments Dated March 16, 1991 from Rick Shaffer on the January 1991 Proposed Plan.
39. Comments Dated March 16, 1991 from Alfred E. Wilson, Gone Birding! on the January 1991 Proposed Plan.

The following citations indicate documents received by EPA Region I after the first formal public comment period.

40. 2 Comment Letters Dated March 18, 1991 from Members of the Public on the January 1991 Proposed Plan.
41. 1 Comment Letter Dated March 19, 1991 from Member of the Public on the January 1991 Proposed Plan.
42. 1 Comment Letter Dated March 21, 1991 from Member of the Public on the January 1991 Proposed Plan.
43. 2 Comment Letters Dated March 22, 1991 from Members of the Public on the January 1991 Proposed Plan.
44. 1 Comment Letter Dated March 24, 1991 from Member of the Public on the January 1991 Proposed Plan.

5.3 Responsiveness Summaries (cont'd.)

45. 1 Comment Letter Dated March 26, 1991 from Member of the Public on the January 1991 Proposed Plan.
46. 1 Comment Letter Dated March 28, 1991 from Member of the Public on the January 1991 Proposed Plan.
47. Comments from David L. Johnson on the January 1991 Proposed Plan.
48. 1 Comment Letter from Member of the Public on the January 1991 Proposed Plan.

The following citations indicate documents received by EPA Region I during the second public comment period.

49. Comments Dated June 12, 1991 from Helen R. Knight on the May 1991 Supplement to the Proposed Plan.
50. Comments Dated June 14, 1991 from Ann dePierro, Massachusetts Bay Transportation Authority on the May 1991 Supplement to the Proposed Plan with the attached Comments Dated March 14, 1991 from Ann dePierro, Massachusetts Bay Transportation Authority on the January 1991 Proposed Plan.

5.4 Record of Decision (ROD)

1. "Record of Decision," EPA Region I (June 27, 1991).

10.0 Enforcement

10.3 State and Local Enforcement Records

1. Memorandum from Mr. Karaian to Mr. McLoughlin (February 21, 1968). Concerning transmittal of the attached February 19, 1968 "Proposal to the Town of Billerica from Graypond Realty Trust" and February 19, 1968 Letter from The Dump Study Committee to the Town of Billerica Board of Health.
2. Letter from the Deputy Commissioner to the Town of Billerica Board of Health (July 11, 1968). Concerning the October 11, 1967 hearing regarding the operation of the commercial dump owned by the Graypond Realty Corp.
3. Memorandum from Kenneth A. Tarbell to File (July 23, 1968). Concerning a complaint that had been filed regarding the burning of waste at the commercial dump owned by the Graypond Realty Corp.
4. Letter from John C. Collins, Division of Sanitary Engineering to the Town of Billerica Board of Health (July 23, 1968). Concerning the continued burning of refuse at the site despite ordinances banning the process.
5. Memorandum from Richard R. Albanese to File (September 23, 1968). Concerning an investigation of the site in response to a complaint of burning refuse.
6. Letter from Russell A. Young (Attorney for Graypond Realty Trust) to David L. Standley, Commonwealth of Massachusetts Department of Environmental Engineering (December 2, 1975). Concerning confirmation that the volume of solid waste at the site does not exceed one hundred seventy-five tons per day.
7. "Solid Waste Disposal Inspection Sheet" (August 10, 1977).
8. "Solid Waste Disposal Inspection Sheet" (January 11, 1978).
9. Letter from Kenneth A. Tarbell, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Burton Shaffer, Graypond Realty Trust (February 23, 1978). Concerning the January 12, 1978 inspection and the discovery that violations of the "Regulations for the Disposal of Solid Wastes by Sanitary Landfill" still exist.

10.3 State and Local Enforcement Records (cont'd.)

10. Letter from Thomas McLoughlin to Burton Shaffer, Graypond Realty Trust (April 7, 1978). Concerning the order to cease operations at the landfill until various violations have been corrected.
11. "Solid Waste Disposal Inspection Sheet" (July 7, 1978).
12. Letter from Russell A. Young, Russell A. Young (Attorney for Graypond Realty Trust) to Kenneth A. Tarbell, Commonwealth of Massachusetts Department of Environmental Quality Engineering (January 5, 1979). Concerning the progress of the corrections of violations at the site.
13. "Solid Waste Disposal Inspection Sheet" (August 22, 1980).
14. "Solid Waste Disposal Inspection Sheet" (October 23, 1980).
15. Letter from William J. St. Hilaire, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Graypond Realty Trust (December 18, 1980). Concerning the results of the "Open Dump Inventory" completed in the Spring of 1980.
16. Letter from Burton Shaffer, Middlesex Disposal Service, Inc. to William St. Hilaire, Commonwealth of Massachusetts Department of Environmental Quality Engineering (January 22, 1981). Concerning the composition of the material dredged up from the bottom of Nuttings Lake.
17. "Solid Waste Disposal Inspection Sheet" (May 28, 1981).
18. Letter from William J. St. Hilaire, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Burton Shaffer, Graypond Realty Trust (June 22, 1981). Concerning the May 28, 1981 inspection of the facility and the overall evaluation of the operation and condition of the facility as poor.
19. Letter from William J. St. Hilaire, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Burton Shaffer, Graypond Realty Trust (July 21, 1982). Concerning a second notice to correct violations at the site and specific remedial actions that are required.
20. Letter from William J. St. Hilaire, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Burton Shaffer, Graypond Realty Trust (December 10, 1982). Concerning the status of the site and further measures that must be taken to correct deficiencies.
21. "DEQE Oil and Hazardous Material Spill/Release Incident Initial Inspection Report," Commonwealth of Massachusetts Department of Environmental Quality Engineering (February 1, 1984).
22. Letter from John C. Gherson, Town of Billerica Department of Health to Burton Shaffer, Middlesex Disposal Service, Inc. (February 3, 1984). Concerning confirmation that Middlesex Disposal Service, Inc. will take immediate action to correct violations at the site.
23. Trip Report on a Visit to the Iron Horse Park Site, John Maddox, Commonwealth of Massachusetts Department of Environmental Quality Engineering (February 7, 1984). Concerning the September 21, 1983 inspection of the site.
24. Letter from William J. St. Hilaire, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Burton Shaffer, Middlesex Disposal Service, Inc. (May 18, 1984). Concerning notice that the Commonwealth of Massachusetts Department of the Attorney General has extended the operation of the landfill to June 6, 1984 in order to allow for the execution of the Consent Judgment.
25. Memorandum from John Fitzgerald, Commonwealth of Massachusetts Department of Environmental Quality Engineering to William Cass, Commonwealth of Massachusetts Department of Environmental Quality Engineering (June 13, 1985). Concerning notification that disposal operations at the Shaffer Landfill will cease or be substantially reduced by September or October of 1985.

10.3 State and Local Enforcement Records (cont'd.)

26. "Certificate of the Secretary of Environmental Affairs on the Supplemental Final Environmental Impact Report," Commonwealth of Massachusetts Executive Office of Environmental Affairs (September 16, 1985).
27. Letter from William F.M. Hicks, Cuddy, Lynch, Manzi & Cunningham (Attorney for Citizens Group of Billerica) to John Fitzgerald, Commonwealth of Massachusetts Department of Environmental Quality Engineering (April 18, 1986). Concerning transmittal of the attached
 - A. Agreement for Judgment, *The Department of Environmental Quality Engineering, The Attorney General of the Commonwealth of Massachusetts and Anthony P. Bonacci, Julie A. Bonacci, Beverly Chorbajian, Leon Chorbajian, Joseph J. Grant, Helen R. Knight, Martin L. Mills, Carl L. Moore, Eleanor K. Moore, Diane Robinson and Michael Tomberlin v. Irving Shaffer, Individually and as Trustee of the Graypond Realty Trust, Philip W. Shaffer, Individually and as the Former Trustee of the Graypond Realty Trust, Middlesex Disposal Service, Inc., Suffolk Services, Inc., Shaffer Enterprises, Inc., Shaffer Realty Corp., Burton Shaffer, Milton Shaffer, Frederick S. Shaffer, Ruth Shaffer, and Thomas S. Bagley, as Trustee of the Frederick Shaffer Realty Trust*, Commonwealth of Massachusetts Superior Court, Civil Action No. 83-6986 (February 19, 1986).
 - B. Final Judgment, *The Department of Environmental Quality Engineering, et al. v. Irving Shaffer, et al.*, Commonwealth of Massachusetts Superior Court, Civil Action No. 83-6986 (June 12, 1984).
28. "DEQE Oil and Hazardous Material Spill/Release Incident Inspection Report" Form, Commonwealth of Massachusetts Department of Environmental Quality Engineering (July 2, 1986).
29. Letter from Richard J. Chalpin, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Burton Shaffer, Suffolk services, Inc. (January 20, 1987). Concerning odor generation at the site.
30. Letter from Edward A. Kunce for Richard J. Chalpin, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Burton Shaffer, Graypond Realty Trust (June 12, 1987). Concerning the Gas Extraction and Gas Treatment and Discharge phases of the odor abatement project for the landfill.
31. Letter from Edward A. Kunce, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Richard R. DeBenedictis, GHR Engineering, Burton Shaffer, Middlesex Disposal Services, Inc., Anton T. Moehrke, Wright & Moehrke (Attorney for Graypond Realty Trust), Town of Billerica Conservation Commission (July 13, 1987). Concerning transmittal of the attached "Amended Superseding Order of Conditions Massachusetts Wetlands Protection Act," Commonwealth of Massachusetts Department of Environmental Quality Engineering (July 13, 1987).
32. Letter from Edward A. Kunce, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Valerie A. Talmadge, Commonwealth of Massachusetts Historical Commission (July 13, 1987). Concerning transmittal of the attached "Notice of Effect to Historic Properties."
33. Letter from Richard J. Chalpin, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Burton Shaffer, Middlesex Disposal Services, Inc. (August 26, 1987). Concerning the presence of several leachate seeps at both the residential and commercial areas of the landfill.
34. Letter from Anton T. Moehrke, Wright & Moehrke (Attorney for Graypond Realty Trust) to Raymond G. Dougan, Commonwealth of Massachusetts Department of the Attorney General (September 1, 1987). Concerning the gas venting schedule for the landfill.

10.3 State and Local Enforcement Records (cont'd.)

35. Letter from Rebecca A. Backman, Wright & Moehrke (Attorney for Graypond Realty Trust) to Jane Nolan, Town of Billerica Board of Appeals (September 2, 1987). Concerning the request for a meeting with the Board of Appeals and the attached "Statement of Clarification for Special Permit Granted to Graypond Realty Corp. on August 17, 1987."
36. Letter from Rebecca A. Backman, Wright & Moehrke (Attorney for Graypond Realty Trust) to John W. Duggan, Commonwealth of Massachusetts Department of Environmental Quality Engineering (September 28, 1987). Concerning notification that pipes for the gas venting system was completed September 28, 1987 and that initial sampling for the gas venting system should be completed by October 1, 1987.
37. Letter from Rebecca A. Backman, Wright & Moehrke (Attorney for Graypond Realty Trust) to John W. Duggan, Commonwealth of Massachusetts Department of Environmental Quality Engineering (March 1, 1988). Concerning the list of people to be contacted regarding activities at the Shaffer Landfill.
38. Letter from Rebecca A. Backman, Wright & Moehrke (Attorney for Graypond Realty Trust) to John W. Duggan, Commonwealth of Massachusetts Department of Environmental Quality Engineering (June 15, 1988). Concerning a visit to the site of June 8, 1988 and clarification of closure activities.
39. "Notice of Intent to Assess A Civil Administrative Penalty," Commonwealth of Massachusetts Department of Environmental Quality Engineering (August 5, 1988).
40. Letter from Richard J. Chalpin, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Irving Shaffer, Graypond Realty Trust (December 3, 1988). Concerning issues raised in the October 25, 1988 "Inclusive Monthly Activities Report from July 1988 for the Pond Street Landfill," GHR Engineering Associates, Inc.
41. Letter from Rebecca A. Backman, Wright & Moehrke (Attorney for Graypond Realty Trust) to Richard J. Chalpin, Commonwealth of Massachusetts Department of Environmental Quality Engineering (December 28, 1988). Concerning the response to the December 3, 1988 letter regarding closure activities.
42. Letter from Richard J. Chalpin, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Paul Talbot, Town of Billerica (January 5, 1989). Concerning the request that the Town of Billerica consider use of the expanded treatment facility in a leachate management plan for the landfill.
43. Letter from Peter J. Gray, Town of Billerica Board of Health to Richard J. Chalpin, Commonwealth of Massachusetts Department of Environmental Quality Engineering (January 20, 1989). Concerning recommendations on the proposed sewer tie-in at Pond Street.
44. Letter from Rebecca A. Backman, Wright & Moehrke (Attorney for Graypond Realty Trust) to John W. Duggan, Commonwealth of Massachusetts Department of Environmental Quality Engineering (May 26, 1989). Concerning revisions to the Post Closure Operation and Maintenance Plan.
45. Letter from John W. Duggan and Richard J. Chalpin, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Irving Shaffer, Graypond Realty Trust (August 15, 1989). Concerning the status of groundwater and leachate containment, collection and treatment, odor abatement, and operation and maintenance of the landfill cap.
46. Letter from James C. Coleman, Commonwealth of Massachusetts Executive Office of Environmental Affairs to Thomas A. Mackie, Wright & Moehrke (Attorney for Middlesex Disposal Services) (June 8, 1990). Concerning notification that Middlesex Disposal Services is potentially responsible for the construction of a fence around the Shaffer Landfill.

10.3 State and Local Enforcement Records (cont'd.)

47. Letter from James C. Coleman, Commonwealth of Massachusetts Executive Office of Environmental Affairs to Irving Shaffer, Richard Shaffer, Milton Shaffer, Mark Shaffer, and Burton Shaffer, Graypond Realty Corporation (July 16, 1990). Concerning conditional acceptance of the July 3, 1990 proposal to fence the Shaffer Landfill portion of the site.
48. Letter from Dale Young, Commonwealth of Massachusetts Department of Environmental Protection to Graypond Realty Corporation (March 19, 1991). Concerning the fence to be built around three sides of the site.

11.0 Potentially Responsible Party (PRP)

11.9 PRP-Specific Correspondence

Town of Arlington

1. Letter from Donald R. Marquis, Town of Arlington Office of the Town Manager to Town of Billerica Board of Selectmen (May 26, 1970). Concerning notification that an agreement is pending between the Town of Arlington and Philip Shaffer for refuse disposal.

Boston & Maine Corporation

2. Letter from Jim Diorio, Boston & Maine Corporation to Gino L. Palmacci, Massachusetts Bay Transportation Authority (January 31, 1986). Concerning encroachment of the landfill onto property owned by Boston & Maine Corporation.

Graypond Realty Trust

3. Letter from Richard DeBenedictis, GHR Engineering Corporation to Anton T. Moehrke, Wright & Moehrke (Attorney for Graypond Realty Trust) (December 7, 1984). Concerning a response to the October 31, 1984 "Certificate of the Secretary of Environmental Affairs on Pond Street Sanitary Landfill."
4. Letter from Robert S. Cummings, GHR Engineering Associates, Inc. to Raymond G. Dougan, Commonwealth of Massachusetts Department of the Attorney General (March 8, 1989). Concerning notification that Graypond Realty Trust has contracted with GHR Engineering Associates, Inc. to comply with the requirements of the December 3, 1988 Letter from Commonwealth of Massachusetts Department of Environmental Quality Engineering.

11.12 PRP-Related Documents

1. "Report and Operating Procedure," Graypond Realty Trust (October 1975).

13.0 Community Relations

13.1 Correspondence

1. Letter from Brian J. Sullivan (Attorney for Carl Moore) to the Commonwealth of Massachusetts Executive Office of Environmental Affairs (April 6, 1982). Concerning the desire that the Shaffer Landfill be closed immediately.
2. Letter from William J. St. Hilaire, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Ferren Residence (September 21, 1982). Concerning the results of water sampling and the attached "Gas Chromatography-Mass Spectrometry Analysis of Purgeable Organics," Commonwealth of Massachusetts Department of Environmental Quality Engineering.
3. Letter from Helen R. Knight, Committee to Enforce Dump Controls to Richard Chalpin, Commonwealth of Massachusetts Department of Environmental Quality Engineering (December 11, 1982). Concerning the existing situation at the landfill and the attached "Map Showing Points At Which Leachate Is Visibly Entering The Wetland."
4. Letter from Ralph M. Krau, Town of Billerica Finance Committee to John Fitzgerald, Commonwealth of Massachusetts Department of Environmental Quality Engineering (October 10, 1985). Concerning the financial repercussions of closing the Shaffer Landfill.
5. Letter from David L. Johnson to John Fitzgerald, Commonwealth of Massachusetts Department of Environmental Quality Engineering (October 21, 1985). Concerning the request for copies of all final plans regarding the Shaffer Landfill.
6. Letter from David L. Johnson to Richard J. Chalpin, Commonwealth of Massachusetts Department of Environmental Quality Engineering (December 18, 1985). Concerning the demand for action to be taken by the Commonwealth of Massachusetts Department of Environmental Quality Engineering in cleaning up the Shaffer Landfill.
7. Letter from David L. Johnson to Barry Fogel, Commonwealth of Massachusetts Department of Environmental Quality Engineering (February 28, 1986). Concerning the granting of a variance to the wetlands regulations to allow for final closure of the landfill.
8. Letter from Helen R. Knight, Committee to Enforce Dump Controls to John Fitzgerald, Commonwealth of Massachusetts Department of Environmental Quality Engineering (February 23, 1987). Concerning the odor problem at the site.
9. Memorandum from Helen R. Knight, Committee to Enforce Dump Controls to John W. Duggan and John Fitzgerald, Commonwealth of Massachusetts Department of Environmental Quality Engineering (June 21, 1987). Concerning notification that no visible progress has been made to construct a leachate collection facility or a venting system.
10. Memorandum from Helen R. Knight, Committee to Enforce Dump Controls to John W. Duggan, Commonwealth of Massachusetts Department of Environmental Quality Engineering (December 31, 1988). Concerning the odor problem at the site.
11. Memorandum from the Town of Billerica Board of Health to John W. Duggan and John Fitzgerald, Commonwealth of Massachusetts Department of Environmental Quality Engineering, GHR Engineering Associates, Inc., Graypond Realty Trust, Richard Bento, Superfund Action Committee Selectman, Raymond G. Dougan, Commonwealth of Massachusetts Department of the Attorney General (January 31, 1989). Concerning notification of a February 8, 1989 meeting.

13.1 Correspondence (cont'd.)

12. Letter from John Gallagher, EPA Region I to Helen R. Knight, Committee to Enforce Dump Controls (December 1, 1989). Concerning the transmittal of the November 1989 "Phase IC Remedial Investigation Report - Volume I," Camp Dresser & McKee Inc.
13. Letter from John Gallagher, EPA Region I to JoAnne Giovino (December 7, 1989). Concerning the transmittal of the November 1989 "Phase IC Remedial Investigation Report - Volume I," Camp Dresser & McKee Inc.
14. Memorandum from John Gallagher, EPA Region I to Site File (December 28, 1989). Concerning the attached notes and data received from Helen R. Knight, Committee to Enforce Dump Controls.
15. Letter from John W. Morris, Town of Billerica Board of Health to Merrill S. Hohman, EPA Region I (January 2, 1990). Concerning the lack of progress at the site and the continuous odor problem.
16. "SAC Goals for Shaffer Dump," Superfund Action Committee (January 18, 1990).
17. Cross Reference: Letter from Conal C. Foley, EPA Region I to Jo Anne Giovino, Superfund Action Committee (March 26, 1990). Concerning the confirmation that the Superfund Action Committee no longer wishes to file an application for the single available Technical Assistance Grant [Filed and cited as entry number 1 in 13.7 Technical Assistance Grants].
18. Cross Reference: Letter from Mary H. Grealish, EPA Region I to Tim Coppinger (July 13, 1990). Concerning information on the available Technical Assistance Grant [Filed and cited as entry number 2 in 13.7 Technical Assistance Grants].
19. Cross Reference: Letter from Don McElroy, EPA Region I to Helen R. Knight, Committee to Enforce Dump Controls (August 16, 1990). Concerning the transmittal of the attached "Listing of Citizen Group Recipients of a Superfund Technical Assistance Grant," EPA Region I (July 12, 1990) [Filed and cited as entry number 3 in 13.7 Technical Assistance Grants].
20. Letter from Ralph M. Krau, Town of Billerica to Don McElroy, EPA Region I (January 24, 1991). Concerning a request that the Public Meeting be scheduled on February 5, 1991 and that the Public Comment Period begin on February 6, 1991.
21. Letter from Don McElroy, EPA Region I to Ralph M. Krau, Town of Billerica (January 25, 1991). Concerning approval of the extension of the Public Comment Period to March 16, 1991.
22. Letter from John W. Morris, Town of Billerica to Don McElroy, EPA Region I (January 25, 1991). Concerning a request that the Public Comment Period be extended.
23. Letter from JoAnne Giovino, Superfund Action Committee to Don McElroy, EPA Region I (January 28, 1991). Concerning a request that the Public Meeting be scheduled on February 5, 1991 and that the Public Comment Period begin on February 6, 1991.
24. Letter from Don McElroy, EPA Region I to John W. Morris, Town of Billerica (January 29, 1991). Concerning notification of the extension of the Public Comment Period to March 16, 1991.